PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Abdo, et al.

Serial No.: 10/603,038

Filed: June 24, 2003

Confirmation No.: 2375

Group Art Unit: TBA

Examiner: TBA

Docket No.: 61607-1730

For: **AUTOMATIC DISCOVERY OF NETWORK CORE TYPE**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

☒   under 37 CFR 1.97(b), or
(within Three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

☐   under 37 CFR 1.97(c) together with either a:
      ☐   Statement Under 37 C.F.R. 1.97(e), or
      ☐   a $180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever occurs first)

☐   under 37 CFR 1.97(d) together with a:
      ☐   Statement under 37 CFR 1.97(e), and
      ☐ .   a $180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final office action or notice of allowance, whichever occurs first, but before payment of the issue fee)

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Please charge $ to deposit account   . At any time during the pendency of this application, please charge any fees required to Deposit Account 16-0255 pursuant to 37 CFR 1.25. The Commissioner is hereby requested to credit any overpayment to Deposit Account No. 16-0255.

☒   Applicant(s) submit herewith *Form PTO 1449A - Information Disclosure Statement by Applicant* together with copies (where required) of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.

☐   A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.
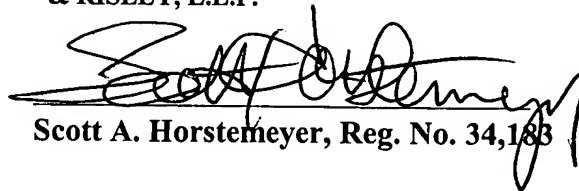
This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.

By:

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-2-

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Anne Antonoff

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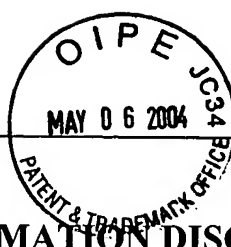For: **AUTOMATIC DISCOVERY OF NETWORK CORE TYPE**

The following is a list of documents enclosed:

    Return Postcard
    Form PTO-1449 (10 Pages)
    Cited Art (A-CO)
    Information Disclosure Statement

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Form PTO-1449				Attorney Docket No. 61607-1730		Serial No. 10/603,038	
INFORMATION DISCLOSURE CITATION				Applicant **Abdo, et al.**			
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U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, etc.)*

	A	RFC 2463: Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification (Available at ftp://ftp.isi.edu/in-notes/rfc2463.txt); Alex Conta and Stephen Deering; December 1998; Pages 1 – 18.
	B	RFC 2464: Transmission of IPv6 Packets over Ethernet Networks (Available at ftp://ftp.isi.edu/in-notes/rfc2464.txt); Matt Crawford; December 1998; Pages 1 – 7.
	C	RFC 2467: Transmission of IPv6 Packets over FDDI Networks (Available at ftp://ftp.isi.edu/in-notes/rfc2467.txt); Matt Crawford; December 1998; Pages 1 – 9.
	D	RFC 2470: Transmission of IPv6 Packets over Token Ring Networks (Available at ftp://ftp.isi.edu/in-notes/rfc2470.txt); Matt Crawford, Thomas Narten, and Stephen Thomas; December 1998; Pages 1 – 11.
	E	RFC 2471: IPv6 Testing Address Allocation (Available at ftp://ftp.isi.edu/in-notes/rfc2471.txt); Robert M. Hinden, Robert Fink, and Jon Postel; December 1998; Pages 1 – 5.
	F	RFC 2472: IP Version 6 over PPP (Available at ftp://ftp.isi.edu/in-notes/rfc2472.txt); Dimitry Haskin and Ed Allen; December 1998; Pages 1 – 14.
	G	RFC 2473: Generic Packet Tunneling in IPv6 Specification (Available at ftp://ftp.isi.edu/in-notes/rfc2473.txt); Alex Conta and Stephen Deering; December 1998; Pages 1 – 36.
	H	RFC 2492: IPv6 over ATM Networks (Available at ftp://ftp.isi.edu/in-notes/rfc2492.txt); Grenville Armitage and Peter Schulter; January 1999; Pages 1 – 12.
	I	RFC 2497: Transmission of IPv6 Packets over ARCnet Networks (Available at ftp://ftp.isi.edu/in-notes/rfc2497.txt); Ignatios Souvatzis; January 1999; Pages 1 – 6.
	J	RFC 2507: IP Header Compression (Available at ftp://ftp.isi.edu/in-notes/rfc2507.txt); Mikael Degermark, Bjorn Nordgren, and Stephen Pink; February 1999; Pages 1 – 47.
	K	RFC 2509: IP Header Compression over PPP (Available at ftp://ftp.isi.edu/in-notes/rfc2509.txt); Mathias Engan, Stephen L. Casner, and Carsten Bormann; February 1999; Pages 1 – 10.

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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	L	RFC 2516: A Method for Transmitting PPP Over Ethernet (PPPoE) (Available at ftp://ftp.isi.edu/in-notes/rfc2516.txt); Louis Mamakos, Kurt Lidl, Jeff Evarts, David Carrel, Dan Simone, and Ross Wheeler; February 1999; Pages 1 – 17.
	M	RFC 2521: ICMP Security Failures Messages (Available at ftp://ftp.isi.edu/in-notes/rfc2521.txt); Phil Karn and William Allen Simpson; March 1999; Pages 1 – 7.
	N	RFC 2526: Reserved IPv6 Subnet Anycast Addresses (Available at ftp://ftp.isi.edu/in-notes/rfc2526.txt); David B. Johnson and Stephen E. Deering; March 1999; Pages 1 – 7.
	O	RFC 2544: Benchmarking Methodology for Network Interconnect Devices (Available at ftp://ftp.isi.edu/in-notes/rfc2544.txt); Scott Bradner and Jim McQuaid, Editors; March 1999; Pages 1 – 31.
	P	RFC 2547: BGP/MPLS VPNs (Available at ftp://ftp.isi.edu/in-notes/rfc2547.txt); Eric C. Rosen and Yakov Rekhter; March 1999; Pages 1 – 25.
	Q	RFC 2590: Transmission of IPv6 Packets over Frame Relay Networks Specification (Available at ftp://ftp.isi.edu/in-notes/rfc2590.txt); Alex Conta, Andrew Malis, and Martin Mueller; May 1999; Pages 1 – 19.
	R	RFC 2615: PPP over SONET/SDH (Available at ftp://ftp.isi.edu/in-notes/rfc2615.txt); Andrew G. Malis and William Allen Simpson; June 1999; Pages 1 – 10.
	S	RFC 2637: Point-to-Point Tunneling Protocol (PPTP) (Available at ftp://ftp.isi.edu/in-notes/rfc2637.txt); Kory Hamzeh, Gurdeep Singh Pall, William Verthein, Jeff Taarud, W. Andrew Little, and Glen Zorn; July 1999; Pages 1 – 57.
	T	RFC 2647: Benchmarking Terminology for Firewall Performance (Available at ftp://ftp.isi.edu/in-notes/rfc2647.txt); David Newman; August 1999; Pages 1 – 26.
	U	RFC 2661: Layer Two Tunneling Protocol "L2TP" (Available at ftp://ftp.isi.edu/in-notes/rfc2661.txt); Gurdeep Singh Pall, Bill Palter, Allan Rubens, W. Mark Townsley, Andrew J. Valencia, and Glen Zorn; August 1999; Pages 1 – 80.

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	V	RFC 2663: IP Network Address Translator (NAT) Terminology and Considerations (Available at ftp://ftp.isi.edu/in-notes/rfc2663.txt); Pyda Srisuresh and Matt Holdrege; August 1999; Pages 1 – 30.
	W	RFC 2684: Multiprotocol Encapsulation over ATM Adaptation Layer 5 (Available at ftp://ftp.isi.edu/in-notes/rfc2684.txt); Dan Grossman and Juha Heinanen; September 1999; Pages 1 – 23.
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	Z	RFC 2702: Requirements for Traffic Engineering Over MPLS (Available at ftp://ftp.isi.edu/in-notes/rfc2702.txt); Daniel O. Awduche, Joe Malcolm, Johnson Agogbua, Mike O'Dell, and Jim McManus; September 1999; Pages 1 – 29.
	AA	RFC 2709: Security Model with Tunnel-mode IPsec for NAT Domains (Available at ftp://ftp.isi.edu/in-notes/rfc2709.txt); Pyda Srisuresh; October 1999; Pages 1 – 11.
	AB	RFC 2761: Terminology for ATM Benchmarking (Available at ftp://ftp.isi.edu/in-notes/rfc2761.txt); Jeffrey Dunn and Cynthia Martin; February 2000; Pages 1 – 32.
	AC	RFC 2764: A Framework for IP Based Virtual Private Networks (Available at ftp://ftp.isi.edu/in-notes/rfc2764.txt); Bryan Gleeson, Juha Heinanen, Arthur Lin, Grenville Armitage, and Andrew G. Malis; February; 2000; Pages 1 – 62.
	AD	RFC 2765: Stateless IP/ICMP Translation Algorithm (SIIT) (Available at ftp://ftp.isi.edu/in-notes/rfc2765.txt); Erik Nordmark; February 2000; Pages 1 – 26.
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	AF	RFC 2775: Internet Transparency (Available at ftp://ftp.isi.edu/in-notes/rfc2775.txt); Brian E. Carpenter; February 2000; Pages 1 – 18.
	AG	RFC 2784: Generic Routing Encapsulation (GRE) (Available at ftp://ftp.isi.edu/in-notes/rfc2784.txt);;Dino Farinacci, Tony Li, Stan Hanks, David Meyer and Paul Traina; March 2000; Pages 1 – 9.
	AH	RFC 2815: Integrated Service Mappings on IEEE 802 Networks (Available at ftp://ftp.isi.edu/in-notes/rfc2815.txt); Mick Seaman, Andrew Smith, Eric Crawley, and John Wroclawski; May 2000; Pages 1 – 17
	AI	RFC 2816: A Framework for Integrated Services Over Shared and Switched IEEE 802 LAN Technologies (Available at ftp://ftp.isi.edu/in-notes/rfc2816.txt); Anoop Ghanwani, Wayne Pace, Vijay Srinivasan, Andrew Smith, and Mick Seaman; May 2000; Pages 1 – 47.
	AJ	RFC 2823: PPP over Simple Data Link (SDL) using SONET/SDH with ATM-like framing (Available at ftp://ftp.isi.edu/in-notes/rfc2823.txt); James Carlson, Paul Langner, Enrique J. Hernandez-Valencia, and James Manchester; May 2000; Pages 1 – 28.
	AK	RFC 2878: PPP Bridging Control Protocol (BCP) (Available at ftp://ftp.isi.edu/in-notes/rfc2878.txt); Mitsuru Higashiyama and Fred Baker; July 2000; Pages 1 – 38.
	AL	RFC 2889: Benchmarking Methodology for LAN Switching Devices (Available at ftp://ftp.isi.edu/in-notes/rfc2889.txt); Robert Mandeville and Jerry Perser; August 2000; Pages 1 – 35.
	AM	RFC 2893: Transition Mechanisms for IPv6 Hosts and Routers (Available at ftp://ftp.isi.edu/in-notes/rfc2893.txt); Robert E. Gilligan and Erik Nordmark; August 2000; Pages 1 – 29.
	AN	RFC 2917: A Core MPLS IP VPN Architecture (Available at ftp://ftp.isi.edu/in-notes/rfc2917.txt); Karthik Muthukrishnan and Andrew Malis; September 2000; Pages 1 – 16.

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	AO	RFC 2960: Stream Control Transmission Protocol (Available at ftp://ftp.isi.edu/in-notes/rfc2960.txt); Randall R. Stewart, Qiaobing Xie, Ken Morneault, Chip Sharp, Hanns Juergen Schwarzbauer, Tom Taylor, Ian Rytina, Malleswar Kalla, Lixia Zhang, and Vern Paxson; October 2000; Pages 1 – 134.
	AP	RFC 2962: An SNMP Application Level Gateway for Payload Address Translation (Available at ftp://ftp.isi.edu/in-notes/rfc2962.txt); Danny Raz, Juergen Schoenwaelder, and Binay Sugla; October 2000; Pages 1 – 20.
	AQ	RFC 2979: Behavior of and Requirements for Internet Firewalls (Available at ftp://ftp.isi.edu/in-notes/rfc2979.txt); Ned Freed; October 2000; Pages 1 – 7.
	AR	RFC 2993: Architectural Implications of NAT (Available at ftp://ftp.isi.edu/in-notes/rfc2993.txt); Tony Hain; November 2000; Pages 1 – 29.
	AS	RFC 3022: Traditional IP Network Address Translator (Traditional NAT) (Available at ftp://ftp.isi.edu/in-notes/rfc3022.txt); Pyda Srisuresh and Kjeld Borch Egevang; January 2001; Pages 1 – 16.
	AT	RFC 3027: Protocol Complications with the IP Network Address Translator (Available at ftp://ftp.isi.edu/in-notes/rfc3027.txt); Matt Holdrege and Pyda Srisuresh;January 2001; Pages 1 – 20.
	AU	RFC 3031: Multiprotocol Label Switching Architecture (Available at ftp://ftp.isi.edu/in-notes/rfc3031.txt); Eric C. Rosen, Arun Viswanathan, and Ross Callon; January 2001; Pages 1 – 61.
	AV	RFC 3032: MPLS Label Stack Encoding (Available at ftp://ftp.isi.edu/in-notes/rfc3032.txt); Eric C. Rosen, Dan Tappan, Yakov Rekhter, Guy Fedorkow, Dino Farinacci, Tony Li, and Alex Conta; January 2001; Pages 1 – 23.
	AW	RFC 3034: Use of Label Switching on Frame Relay Networks Specification (Available at ftp://ftp.isi.edu/in-notes/rfc3034.txt); Alex Conta, Paul Doolan, and Andrew G. Malis; January 2001; Pages 1 – 24.
	AX	RFC 3035: MPLS using LDP and ATM VC Switching (Available at ftp://ftp.isi.edu/in-notes/rfc3035.txt); Bruce Davie, Paul Doolan, Jeremy Lawrence, Keith McCloghrie, Yakov Rekhter, Eric Rosen, and George Swallow; January 2001; Pages 1 – 20.

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	AY	RFC 3053: IPv6 Tunnel Broker (Available at ftp://ftp.isi.edu/in-notes/rfc3053.txt); Alain Durand, Paolo Fasano, Ivano Guardini, and Domenico Lento; January 2001; Pages 1 – 13.
	AZ	RFC 3056: Connection of IPv6 Domains via IPv4 Clouds (Available at ftp://ftp.isi.edu/in-notes/rfc3056.txt); Brian E. Carpenter and Keith Moore; February 2001; Pages 1 – 23.
	BA	RFC 3057: ISDN Q.921-User Adaptation Layer (Available at ftp://ftp.isi.edu/in-notes/rfc3057.txt); Ken Morneault, Malleswar Kalla, Selvam Rengasami, and Greg Sidebottom; February 2001; Pages 1 – 66.
	BB	RFC 3070: Layer Two Tunneling Protocol (L2TP) over Frame Relay (Available at ftp://ftp.isi.edu/in-notes/rfc3070.txt); Vipin Rawat, Rene Tio, Rohit Verma, and Suhail Nanji; February 2001; Pages 1 – 7.
	BC	RFC 3077: A Link-Layer Tunneling Mechanism for Unidirectional Links (Available at ftp://ftp.isi.edu/in-notes/rfc3077.txt); Emmanuel Duros, Walid Dabbous, Hidetaka Izumiyama, Noboru Fujii, and Yongguang Zhang; March 2001; Pages 1 – 25.
	BD	RFC 3089: A SOCKS-based IPv6/IPv4 Gateway Mechanism (Available at ftp://ftp.isi.edu/in-notes/rfc3089.txt); Hiroshi Kitamura; April 2001; Pages 1 – 12.
	BE	RFC 3102: Realm Specific IP: Framework (Available at ftp://ftp.isi.edu/in-notes/rfc3102.txt); Michael Borella, Jeffrey Lo, David Grabelsky, and Gabriel E. Montenegro; October 2001; Pages 1 – 30.
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	BG	RFC 3104: RSIP Support for End-to-end IPsec (Available at ftp://ftp.isi.edu/in-notes/rfc3104.txt); Gabriel E. Montenegro and Michael Borella; October 2001; Pages 1 – 19.
	BH	RFC 3105: Finding an RSIP Server with SLP (Available at ftp://ftp.isi.edu/in-notes/rfc3105.txt); James Kempf and Gabriel E. Montenegro; October 2001; Pages 1 – 11.
	BI	RFC 3116: Methodology for ATM Benchmarking (Available at ftp://ftp.isi.edu/in-notes/rfc3116.txt); Jeffrey Dunn and Cynthia Martin; June 2001; Pages 1 – 127.

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	BJ	RFC 3122: Extensions to IPv6 Neighbor Discovery for Inverse Discovery Specification (Available at ftp://ftp.isi.edu/in-notes/rfc3122.txt); Alex Conta; June 2001; Pages 1 – 20.
	BK	RFC 3133: Terminology for Frame Relay Benchmarking (Available at ftp://ftp.isi.edu/in-notes/rfc3133.txt); Jeffrey Dunn and Cynthia Martin; June 2001; Pages 1 – 24.
	BL	RFC 3134: Terminology for ATM ABR Benchmarking (Available at ftp://ftp.isi.edu/in-notes/rfc3134.txt); Jeffrey Dunn and Cynthia Martin; June 2001; Pages 1 – 16.
	BM	RFC 3142: An IPv6-to-IPv4 Transport Relay Translator (Available at ftp://ftp.isi.edu/in-notes/rfc3142.txt); Jun-ichiro itojun Hagino and Kazu Yamamoto; June 2001; Pages 1 – 11.
	BN	RFC 3177: IAB/IESG Recommendations on IPv6 Address Allocations to Sites (Available at ftp://ftp.isi.edu/in-notes/rfc3177.txt); Internet Architecture Board (IAB) and Internet Engineering Steering Group (IESG); September 2001; Pages 1 – 10.
	BO	RFC 3193: Securing L2TP using IPsec (Available at ftp://ftp.isi.edu/in-notes/rfc3193.txt); Baiju V. Patel, Bernard Aboba, William Dixon, Glen Zorn, and Skip Booth; November 2001; Pages 1 – 28.
	BP	RFC 3232: Assigned Numbers: RFC 1700 is Replaced by an On-line Database (Available at ftp://ftp.isi.edu/in-notes/rfc3232.txt); Joyce K. Reynolds, Editor; January 2002; Pages 1 – 3.
	BQ	RFC 3235: Network Address Translator (NAT)-Friendly Application Design Guidelines (Available at ftp://ftp.isi.edu/in-notes/rfc3235.txt); Daniel Senie; January 2002; Pages 1 – 13.
	BR	RFC 3257: Stream Control Transmission Protocol Applicability Statement (Available at ftp://ftp.isi.edu/in-notes/rfc3257.txt); Lode Coene; April 2002; Pages 1 – 13.
	BS	RFC 3286: An Introduction to the Stream Control Transmission Protocol (SCTP) (Available at ftp://ftp.isi.edu/in-notes/rfc3286.txt); Lyndon Ong and John Yoakum; May 2002; Pages 1 – 10.

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